

Claims

1. - A dryer, in particular a dryer to dry linen and the like, with a drying drum, drive means to rotate the drying  
5 drum, means to create an air flow, more in particular a hot air flow and air conduction means to lead the air flow through the drying drum, wherein the air conduction means have been thus conceived that the air flow is mainly forced to enter the drying drum from an inlet, before being  
10 discharged via an outlet, whereby this air thereby is also forced to enter the drying drum via one or more air passage openings which are located at the cylindrical casing part of the drying drum and/or at one axial end of the drying drum, but near the outer circumference thereof.

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2. - The dryer according to claim 1, wherein the above-mentioned air conduction means contain air passage openings in the drying drum to bring the air in the drying drum, and wherein all the air passage openings to bring the air in  
20 the drying drum are located at the cylindrical casing part of the drying drum.

3. - The dryer according to claim 1, wherein the air conduction means contain air passage openings in the drying  
25 drum to bring the air in the drying drum, and wherein all the air passage openings to bring the air in the drying drum are mainly located in one and the same half of the drying drum.

30 4. - The dryer according to claim 1, wherein the air passage openings which are located at the cylindrical

casing part of the drying drum are located in one zone which stretches near one end of the drying drum as a band around the cylindrical casing part.

5    5. - The dryer according to claim 4, wherein all the air passage openings to bring air in the drying drum are mainly located in the above-mentioned band-like zone.

6. - The dryer according to claim 3, wherein the air  
10 passage openings to supply the air are located in the rear half of the drying drum.

7. - The dryer according to claim 1, wherein the air conduction means contain at least one air inlet channel to  
15 lead the air to the drying drum, as well as at least one air outlet channel to discharge the air from the drying drum, whereby on the one hand the air inlet channel and the air outlet channel are between themselves thus arranged and on the other hand the drying drum is thus provided with air  
20 passage openings, that the air flow is in general forced to move from one end of the drying drum to the other end.

8. - The dryer according to claim 1, wherein the air conduction means contain one or more air passage openings  
25 to discharge the air from the drying drum, which are located at the cylindrical casing part of the drying drum and/or at one axial end of the drying drum.

9. - The dryer according to claim 8, wherein the air  
30 conduction means contain air passage openings in the drying drum to discharge the air from the drying drum, and wherein

all the air passage openings to discharge air from the drying drum are located at the cylindrical casing part of the drying drum.

5 10. - The dryer according to claim 8, wherein the air conduction means contain air passage openings in the drying drum to discharge the air from the drying drum, and wherein all the air passage openings to discharge the air from the drying drum are mainly located in one and the same half of  
10 the drying drum.

11. - The dryer according to claim 8, wherein the air passage openings to discharge the air which are located at the cylindrical casing part of the drying drum, are located  
15 in a zone which stretches near one end of the drying drum as a band around the cylindrical casing part.

12. - The dryer according to claim 11, wherein all the air passage openings to discharge the air from the drying drum  
20 are located in the above-mentioned zone.

13. - The dryer according to claim 1, wherein the air conduction means mainly contain one air inlet channel to supply the air to the drying drum, as well as mainly one  
25 air outlet channel to discharge the air from the drying drum, whereby these connect to the drying drum, so that they have one or more of the following characteristics:

- that, seen in a side-view of the drying drum, they are mainly located diagonally opposite one another;

- that the air inlet channel leads to the upper half of the drying drum, while the air outlet channel connects to the bottom half of the drying drum;
- that seen from a view frontal to the drying drum, they  
5 are located according to a slanting direction diagonally to one another.

14. - A dryer, in particular a dryer to dry linen and the like, with a drying drum, drive means to rotate the drying  
10 drum, means to create an air flow, in particular a hot air flow, and air conduction means to lead the air flow through the drying drum, wherein the drying drum is provided with two sets of air passage openings, respectively a first set to supply the air and a second set to discharge the air,  
15 which are each located near one end of the drying drum in the cylindrical casing part and which each stretch like a band around the cylindrical casing part, whereby the part of the cylindrical casing part in between the above-mentioned two sets is generally closed.